

Torres, Jose

From: Torres, Jose
Sent: Monday, December 14, 2015 6:28 PM
To: Richard Abitz
Subject: Re: A Question Regarding Reported Uranium Concentrations
Attachments: 151214QuestionOnKVDsPA3reportedUconcentrationUnits_01.pptx;
130829pCiL2mgL_Conversion_02.xls

Hello Dr. Abitz:

Hope you and yours are doing fine. I also hope that you don't mind my bothering you with a technical question, and that you may have a little extra time to entertain my question and provide some enlightening comments.

The attached PPT file contains copies of reports on Uranium concentrations in mg/L. However, URI reports mg/L U3O8 while Jordan Laboratories reports mg/L "Uranium". Based on our conversations of a couple of years ago (see attached spreadsheet), it is my understanding that this "Uranium" term refers to the material formed by three isotopes: U238, U235 and U234, which, as I understand it, is also referred to as "Natural Uranium".

I have always been inclined to think that, by calling it "mg/L U3O8", URI is using a misnomer, and that it really means to say mg/L "Uranium", but have never taken the time to consult on this assessment, until now.

Any feedback that you may provide will be greatly appreciated. Thank you, and have a great week. Sincerely,

José Eduardo Torres - 6WQ-SG
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P.S.: I recently returned to work on the KVD data set, and am currently attempting to prepare a report, following a request from my managers for a briefing on PA-3 operations and the Garcia Hill drinking ground water situation.